

Title (en)
ELECTRIC MACHINE

Title (de)
ELEKTRISCHE MASCHINE

Title (fr)
MACHINE ÉLECTRIQUE

Publication
EP 2942859 A1 20151111 (EN)

Application
EP 15163289 A 20120310

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Abstract (en)
An electric machine having a stator (10), and a rotor (11) which rotates about an axis of rotation (A2) with respect to the stator (10); the rotor (11) having a plurality of magnetized modules (25), and a rotor cylinder (20; 40) which extends circumferentially, rotates about an axis of rotation (A2), and is designed to support the plurality of magnetized modules (25); and wherein the rotor cylinder (20; 40) is made of nonmagnetic material.

IPC 8 full level
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Citation (search report)
• [X] US 4445062 A 19840424 - GLASER JERRY [US]
• [X] EP 1100175 A2 20010516 - ISUZU MOTORS LTD [JP]
• [XI] DE 102009025929 A1 20101209 - SPEVACEK ULRICH [DE]
• [X] WO 2006017377 A2 20060216 - NORTHERN POWER SYSTEMS INC [US], et al
• [I] US 2006255679 A1 20061116 - DINE PIETER V [US], et al
• [A] EP 2282397 A1 20110209 - WILIC SARL [LU]
• [A] WO 2007063370 A1 20070607 - HIGH TECHNOLOGY INVESTMENTS B [NL], et al
• [A] WO 2009091248 A2 20090723 - LAGERWEY WIND BV [NL], et al
• [A] GB 2080707 A 19820210 - PIAGGIO & C SPA

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DOCDB simple family (publication)
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